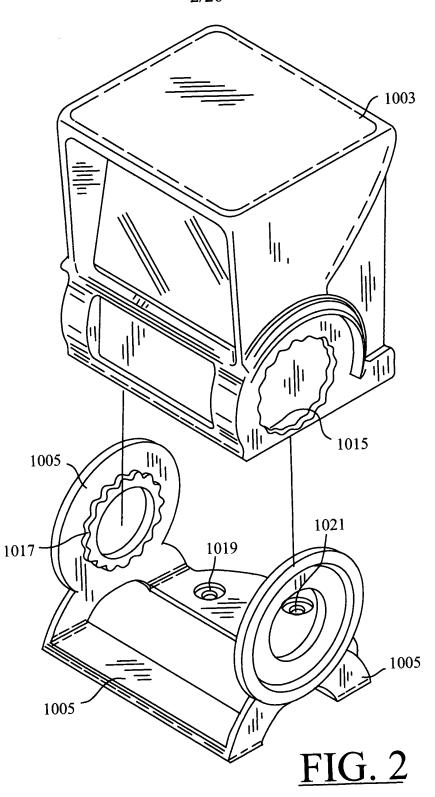


FIG. 1



TITLE: COLLETER-TOP SCANNER WITH BUMP PROTEITION MECHANIS AND SCAN ANGLE ADJUSTMENT ME INVENTORS: SUNG HO BYUN, ET AL SERIAL NO. 10/043,900



TITLE: COULDING R-TOP SCANNER WITH BUMP PROTECTION MECHANISM D SCAN ANGLE ADJUSTMENT MECHANISM INVENTORS: SUNG HO BYUN, ET AL SERIAL NO. 10/043,900

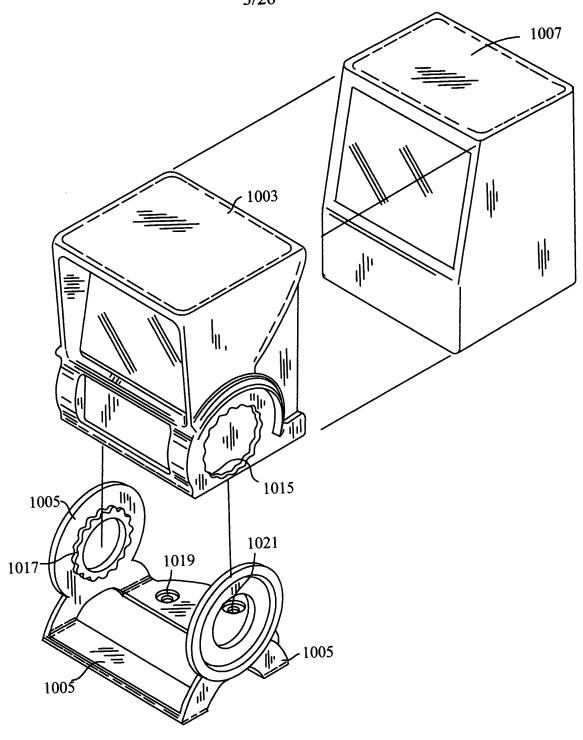


FIG. 3

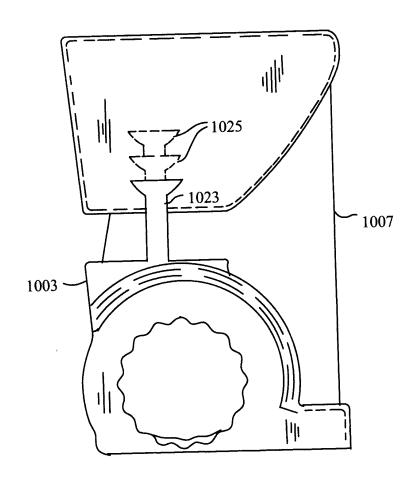


FIG. 4

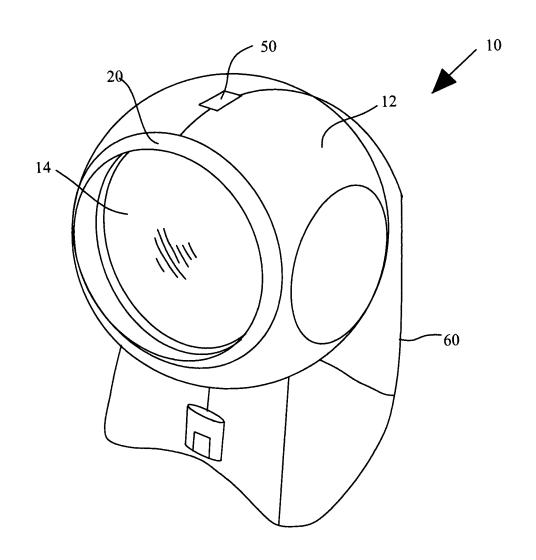


FIG. 5



TITLE: SUNTER-TOP SCANNER WITH BUMP PROTECTION MECH. MAND SCAN ANGLE ADJUSTMENT CHANISM INVENTORS: SUNG HO BYUN, ET AL SERIAL NO. 10/043,900

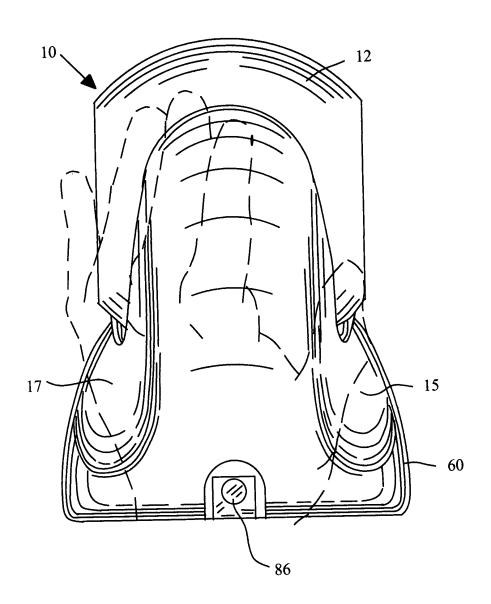
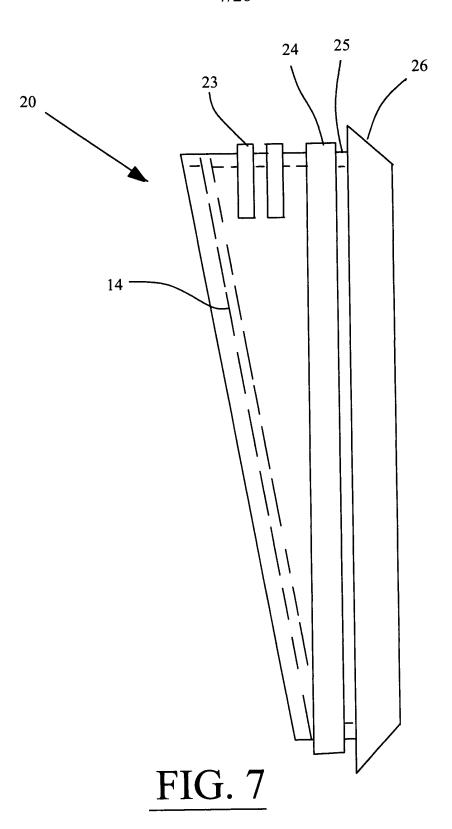


FIG. 6



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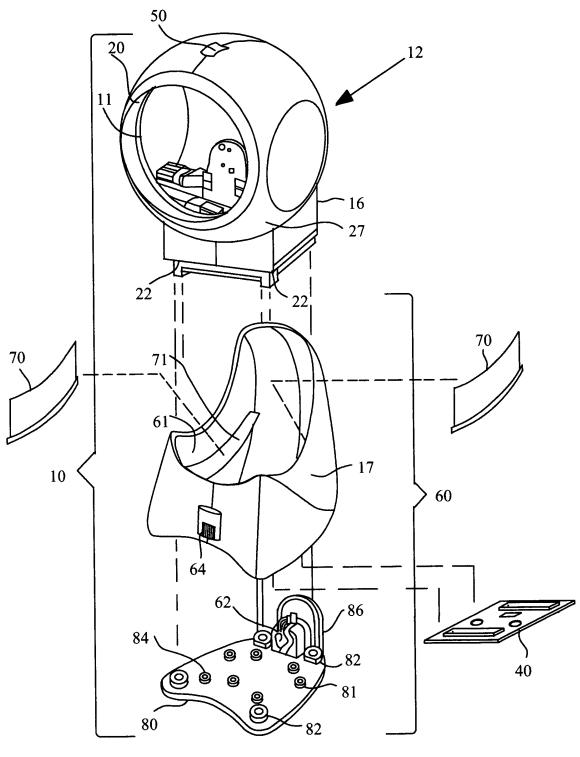
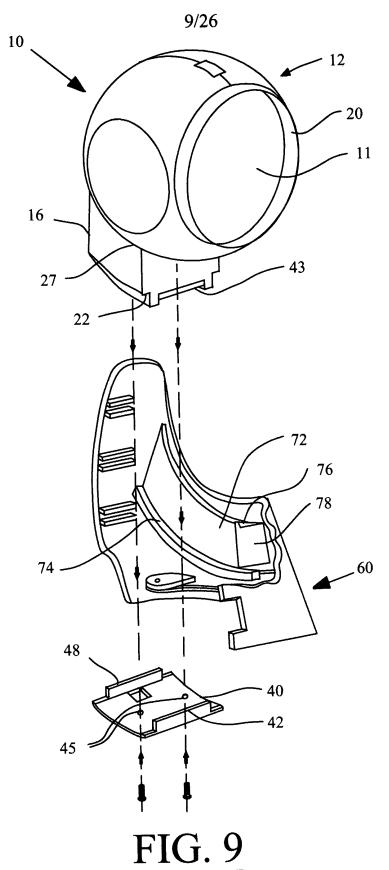


FIG. 8



TITLE: COLOTER-TOP SCANNER WITH BUMP PROTECTION MECHANISM AND SCAN ANGLE ADJUSTMENT MECHANISM INVENTORS: SUNG HO BYUN, ET AL SERIAL NO. 10/043,900



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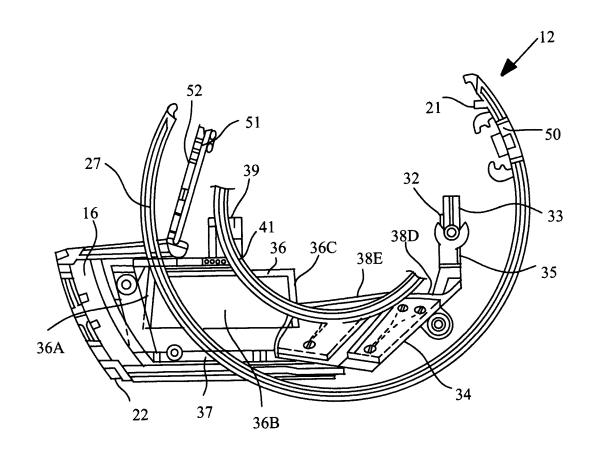


FIG. 10

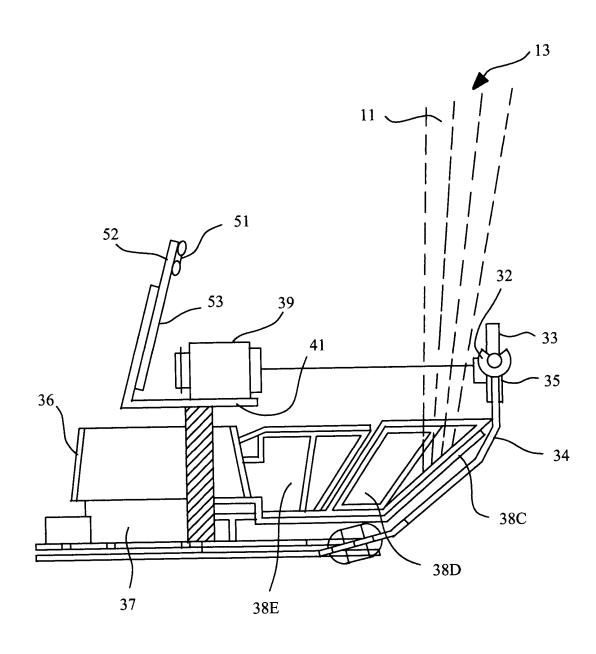


FIG. 11



TITLE: COUNTER-TOP SCANNER WITH BUMP PROTECTION MECHAN AND SCAN ANGLE ADJUSTMENT MANISM INVENTORS: SUNG HO BYUN, ET AL SERIAL NO. 10/043,900

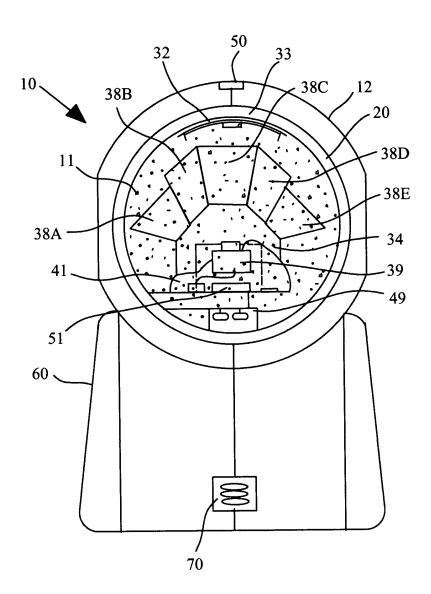


FIG. 12



TITLE: COUNTER-TOP SCANNER WITH BUMP PROTECTION MECHANISM AND SCAN ANGLE ADJUSTMENT MANISM INVENTORS: SUNG HO BYUN, ET AL SERIAL NO. 10/043,900

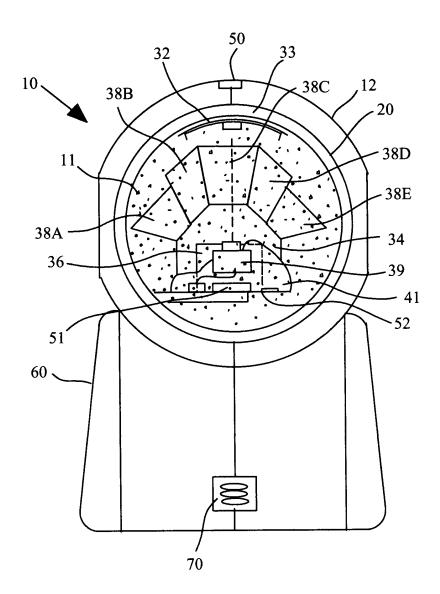


FIG. 13

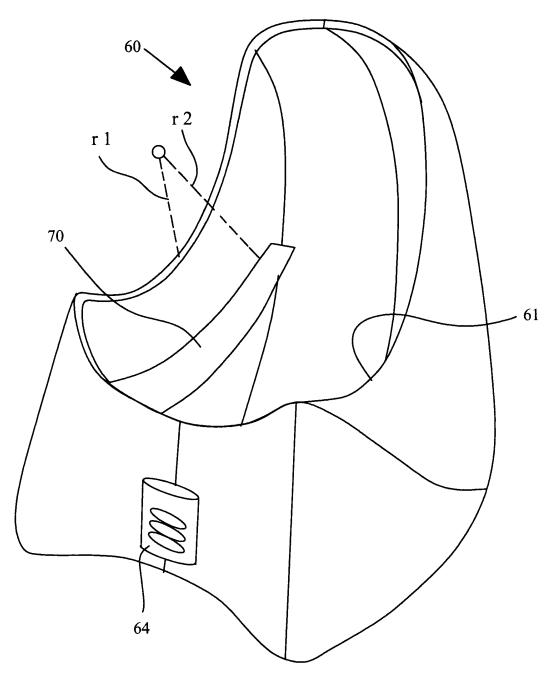
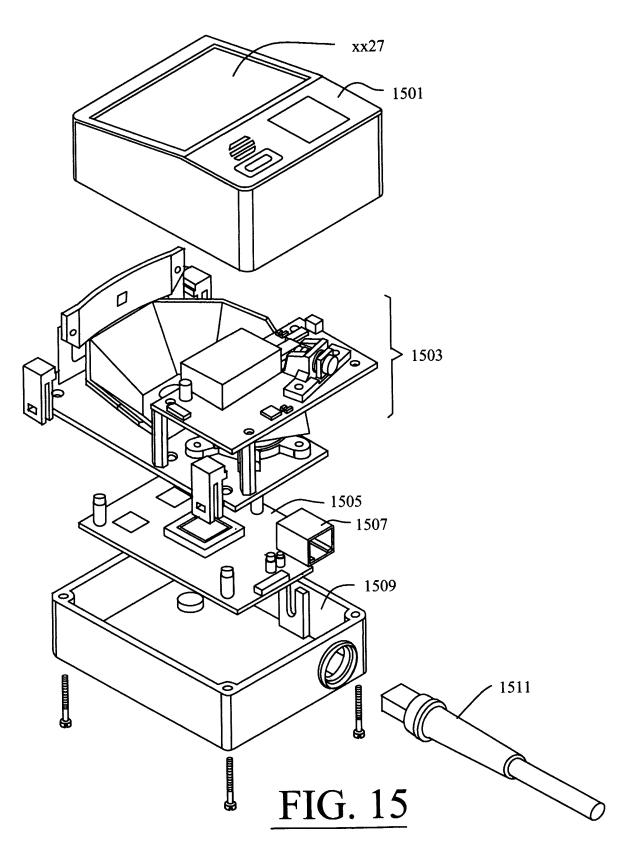


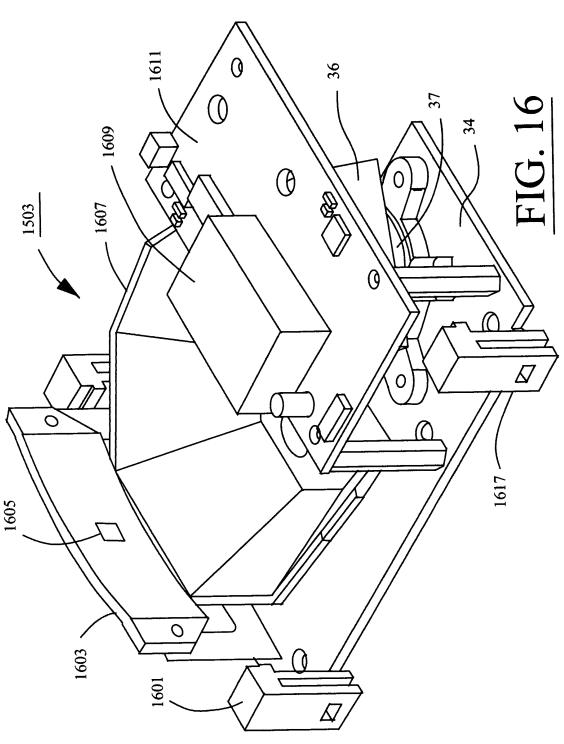
FIG. 14

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TITLE: NTER-TOP SCANNER WITH BUMP FECTION MECHANISM AND SCAN ANGLE ADJUSTMENT MECHANISM INVENTORS: SUNG HO BYUN, ET AL SERIAL NO. 10/043,900

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TITLE: COUNTER-TOP SCANNER WITH BUMP PROTECTION MECHANIS ON SCAN ANGLE ADJUSTMENT ME NISM INVENTORS: SUNG HO BYUN, ET AL SERIAL NO. 10/043,900

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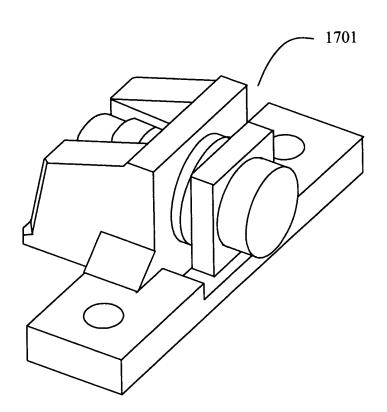
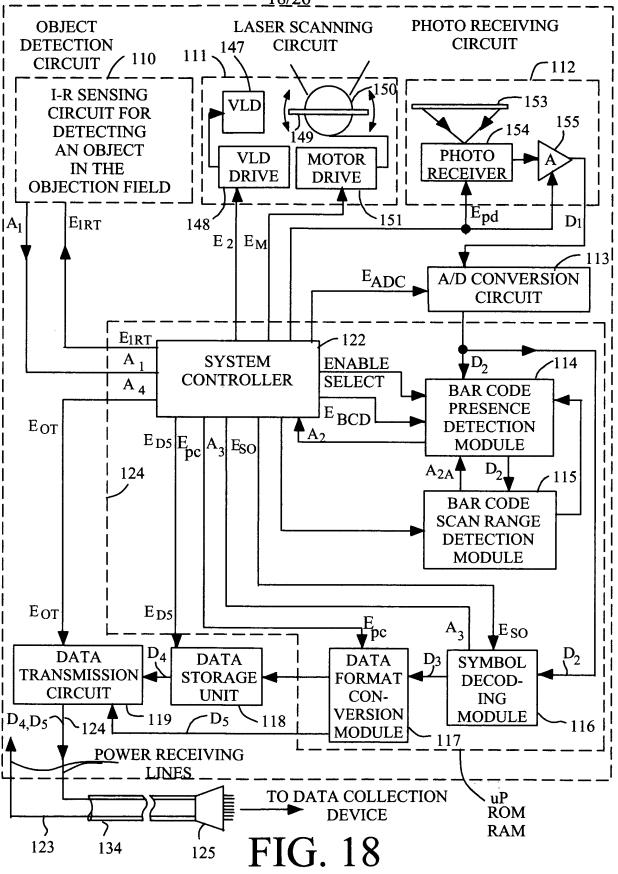
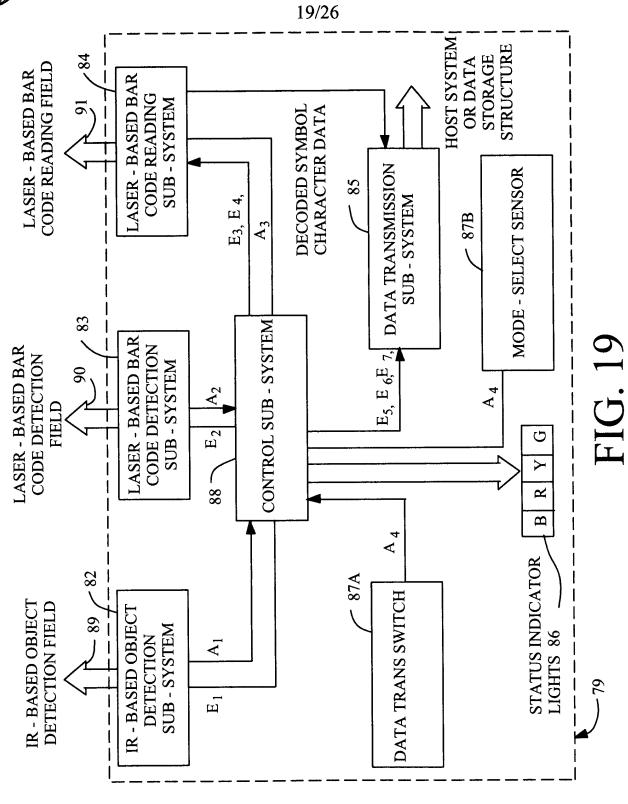


FIG. 17

<u> 18/26</u>



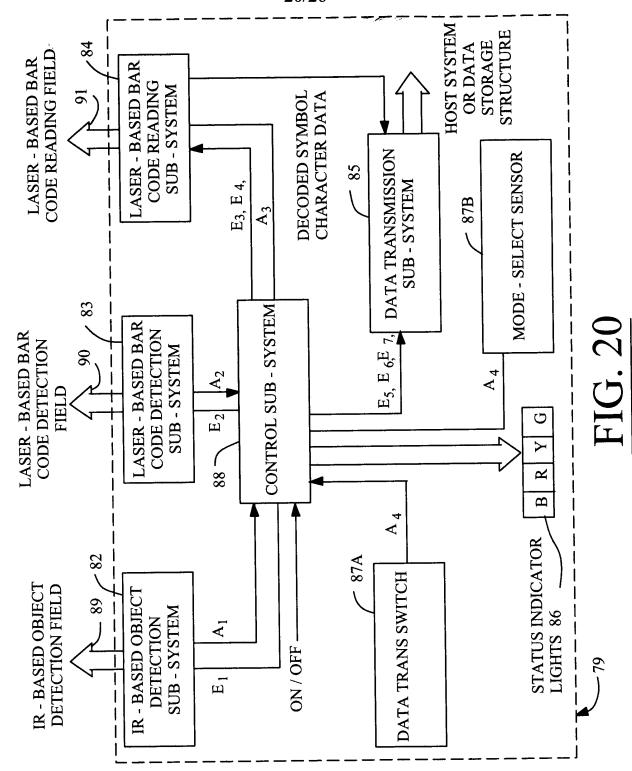


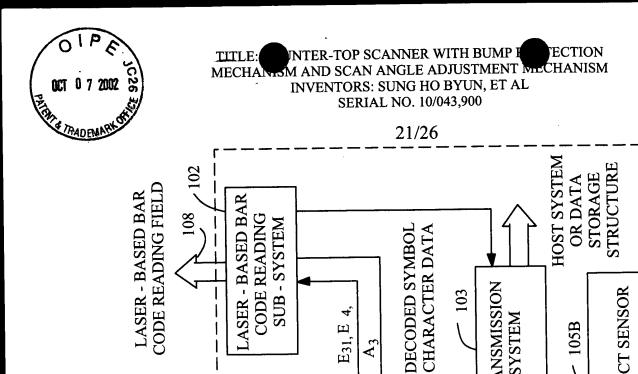
ACOMESCO LOCYCE

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OCT 0 7 2002

TITLE: UNTER-TOP SCANNER WITH BUMP PARTECTION MECHA MAND SCAN ANGLE ADJUSTMENT CHANISM INVENTORS: SUNG HOBYUN, ET AL SERIAL NO. 10/043;900





E31, E 4,

A3

CONTROL SUB - SYSTEM

ON / OFF -

100

106

 A_1

 E_2

101

107

ASER - BASED BAR

CODE DETECTION **SUB-SYSTEM**

LASER - BASED BAR

CODE DETECTION

FIELD

DATA TRANSMISSION

E₅, E₆E₇,

A 4

DATA TRANS SWITCH

105A

SUB-SYSTEM

- 103



MODE - SELECT SENSOR

A 4

G

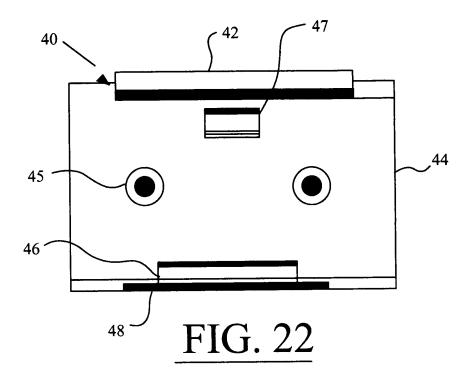
STATUS INDICATOR

LIGHTS 104

105B



TITLE: CONTER-TOP SCANNER WITH BUMP PROJECTION MECHANISM AND SCAN ANGLE ADJUSTMENT METANISM INVENTORS: SUNG HO BYUN, ET AL SERIAL NO. 10/043,900



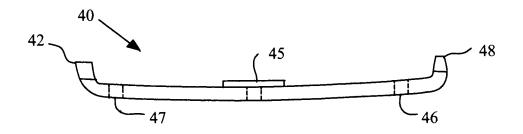


FIG. 23

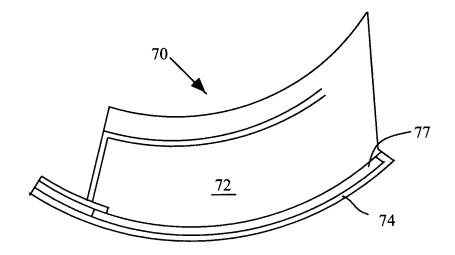
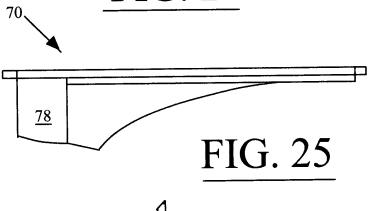


FIG. 24



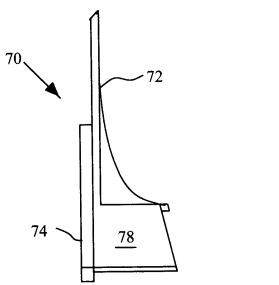
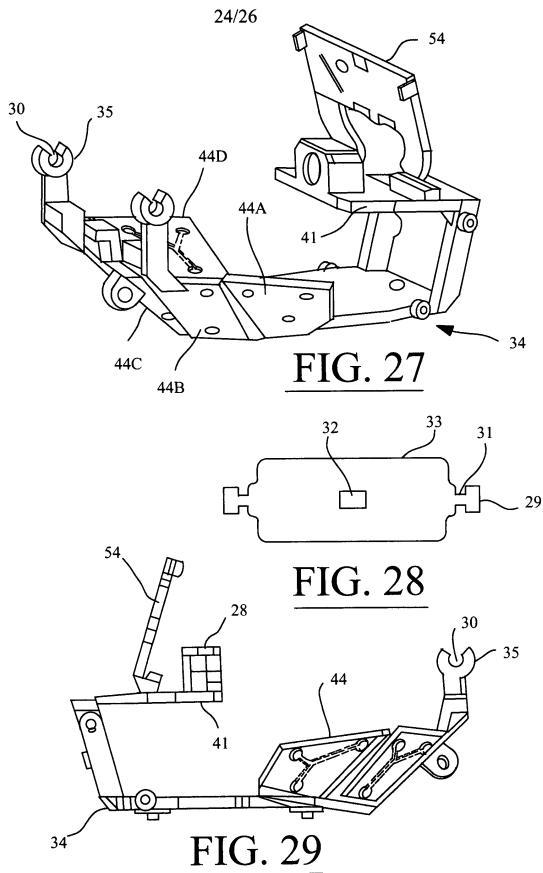


FIG. 26



TITLE: COLUTER-TOP SCANNER WITH BUMP PROTECTION MECHANI AND SCAN ANGLE ADJUSTMENT MINISM INVENTORS: SUNG HO BYUN, ET AL SERIAL NO. 10/043,900



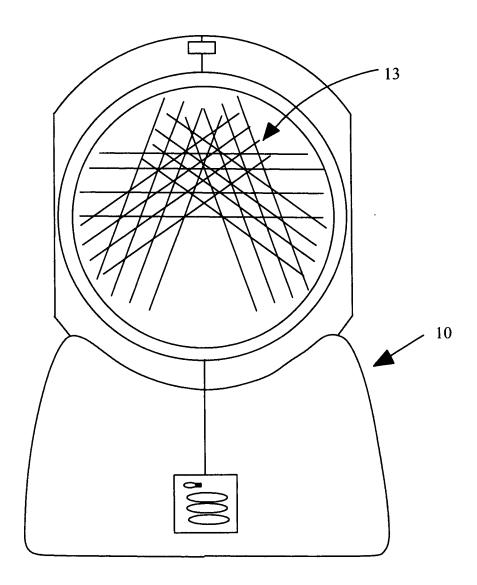


FIG. 30

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TITLE: COLUTER-TOP SCANNER WITH BUMP PROFECTION MECHAN AND SCAN ANGLE ADJUSTMENT MANISM INVENTORS: SUNG HO BYUN, ET AL SERIAL NO. 10/043,900

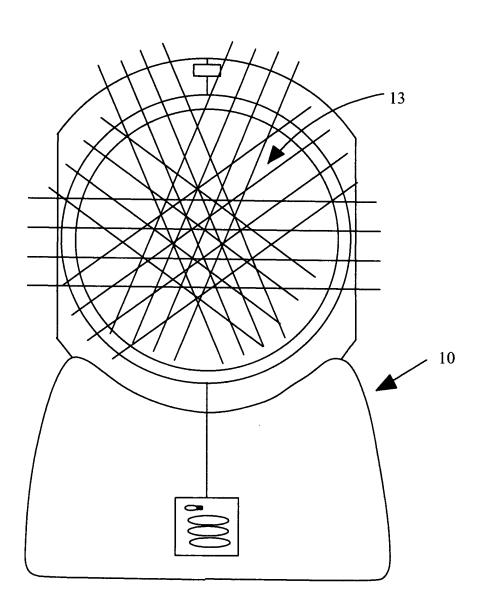


FIG. 31